

ABSTRACT

A circular saw machine having a saw blade (1) that is movably held for back and forth motion during the sawing process. A forward and a rearward saw blade guide (4, 5) ensure the stability of the saw blade (1) while sawing. The saw blade guides (4, 5) respectively have contact surfaces (6), which abut on the respective side surfaces of the saw blade (1). In order to operate the circular saw machine with different saw blade diameters, the forward saw blade guide (5) is removable from, or pivotable away from, the saw blade (1), and the saw blade itself is interchangeable. The radial positioning of the contact surfaces (6) of the saw blade guides (4, 5) is variable. This can be accomplished by interchanging the whole saw blade guide (5), but also in particular by a mounting (12), pivotable with respect to the saw blade guide (4, 5) and to which the contact surface (6) is fixed.